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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/046,075	01/16/2002	Satoshi Saito	Q68122	2424
75	90 10/21/2002			
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Washington, DC 20037			EXAMINER	
			GILMAN, ALEXANDER	
			ART UNIT	PAPER NUMBER
			2833	
			DATE MAILED: 10/21/2002	

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No.   100/60/75   SAITO ET AL		A - Carting Al					
Examiner	•	Application No.	Applicant(s)				
Alexander Gilman   2833     Period for Reply   A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM     THE MAILING DATE OF THIS COMMUNICATION.   135(6). In reverse, however, may a reply be timely filled set as 80 (a) MONTHS from the mailing date of this communication.     If the period for reply separated above is less than thisty (0), days, a reply within the statetion with the reply is a specified with the mailing date of this communication.     If the period for reply separated above is less than thisty period vall again and with the state of the period for reply separated above is less than thisty (0), days, a reply with the state of the period for reply separated above is less than thisty (0), days, a reply with the state of the period for reply separated above. In another members, and the period for reply separated and the period of the period for reply separated and the period for rep	Office Action Summany		SAITO ET AL.				
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A SHORTHEND STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Eletrations of time may be available under the proximator of 37 CFR 1.15(a). In no avent, however, may a reply be timely filed after 5K (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than this (0) do yr., a reply within the statutory minimum of thinky (0) days will be considered timely.  - Failure to reply within the set or adended period for reply will be part within the statutory minimum of thinky (0) days will be considered timely.  - Failure to reply within the set or adended period for reply will be part within the statutory minimum of thinky (0) days will be considered timely.  - Failure to reply within the set or adended period for reply will be part within the set of the communication.  - Failure to reply within the set or adended period for reply will be part of the septimental period for reply will be provided to the set of the septimental period for reply will be part of the set of the septimental period for reply will be part of the set of the septimental period for reply will be part of the set of the septimental period for reply will be part of the set of the septimental period for reply will be part of the set of the septimental period for reply will be part of the set of the s	The MAIL INC DATE of the						
THE MAILING DATE OF THIS COMMUNICATION.  Extensions of them may be available under the provisions of 37 CFR 1.136(a). In or event, however, may a reply be timely filed  If the period for reply specified above is less than thiny (30) days, a reply within the attuation ynitismum of thiny (30) days will be considered limity.  If the period for reply specified above, its meantime attuation priced will be actuation with the mailing date of the scenimination.  Filature to reply which he had or detended painful for reply will, by statutor, usual the period to reply the period for reply specified above, the meantime attention priced and the reply will be attention to become ARANDONEO (35 U.S. £ § 133).  Priced that the second priced are second to the communication, even it through filed, may reduce any second priced to the communication, even it through filed, may reduce any second priced to the communication of the period of the communication of the communication of the period of the communication of the com	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
2a)  This action is FINAL. 2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Clairms  4) Clairm(s) 1-6 is/are pending in the application.  4a) Of the above clairm(s) is/are allowed.  5) Clairm(s) 1-6 is/are rejected.  7) Clairm(s) is/are allowed.  6) Clairm(s) is/are allowed.  6) Clairm(s) is/are objected to.  8) Clairm(s) is/are objected to.  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on 05 April 2002 is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.	THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Since Claim(s) 1-6 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) is/are allowed.  6) Claim(s) is/are allowed.  6) Claim(s) is/are objected to.  8) Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on 05 April 2002 is/are: all accepted or bl objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: all approved bl disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s) Interview Summary (PTO-413) Paper No(s)	1) Responsive to communication(s) filed on 16 Ja	anuary 2002 .					
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#### **DETAILED ACTION**

### **Drawings**

The drawings are objected to because Figures 4-6 should be designated by a legend such as -Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing
correction or corrected drawings are required in reply to the Office action to avoid abandonment of the
application. The objection to the drawings will not be held in abeyance.

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## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Miyazaki et al.

Miyazaki et al (US 5,691,506) disclose (Fig. 5, 6) a shield connection structure comprising:

- a conductive shield member (20) including
- a plate member (121);
- a connection portion (122) having a tubular shape (claim 2);
- a continuous (claim 3), integrally formed (claims 4 and 5) reinforcing rib, on a peripheral edge.

#### Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and

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the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-6 rejected under 35 U.S.C. 103(a) as being unpatentable over the admitted prior art in view of Miyazaki et al.

The admitted prior art (the current specification, Fig. 4-6) discloses a shield connection structure comprising:

a conductive shield member (7) including

a plate member (8);

a connection portion (11) having a tubular shape (claim 2);

The admitted prior art doe not disclose a continuous (claim 3), integrally formed with a plate member (claims 4 and 5) reinforcing rib, on a peripheral edge.

Miyazaki et al (US 5,691,506) disclose (Fig. 1) a continuous (claim 3), integrally formed with a plate member (claims 4 and 5) reinforcing rib, on a peripheral edge.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the admitted prior art plate member with reinforcing rib, on its peripheral edge, as taught by Miyazaki et al, to increase bending stiffness of the plate member of the stamped shield member during attachment it to the casing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Gilman whose telephone number is (703) 305-0847. The examiner can normally be reached on Monday-Friday, 10:30 a.m. - 8:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Paula A. Bradley can be reached on (703) 308-2319. The fax phone numbers for the organization where
this application or proceeding is assigned are (703) 308-7724 for regular communications and (703) 308-7722 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4900.

Alexander Gilman

October 17, 2002

alex Cilman